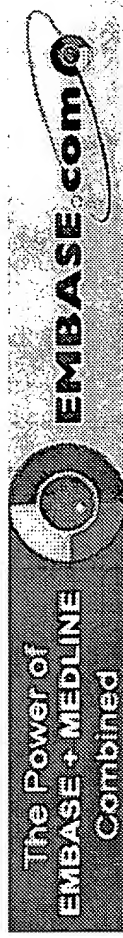


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...University, Raleigh, USA Prof Dr R. Shishoo Institute for Fibre & Polymer Research, Molndal, Sweden Revista de la Industria Textil 2001...methods - Biological methods - ANALYSIS AND TESTING: PATENTS 164 POLYMER SCIENCE 164 Proteins - Cellulose and cellulose derivatives...
[http://www.elsevier.com/homepage/sah/spd/2002sample_pd...]
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☐ 2. Issue 46/2002 (November 14, 2002) of the PCT Gazette
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☐ 3. Draft Guideline for Environmental Infection Control in Healthcare Facilities
Mar 2001

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☐ 5. Glossary of Terms in Water Treatment

Oct 2002

...penetrates into the body of another substance, termed the **absorbent**. An example is
the absorption of water into soil. Acid A substance...carbon will limit bacterial colonization
but not eliminate it. **Bactericide** Any substance or agent which kills bacteria. Bar A unit
of...

[<http://www.aquascience.net/glossary.htm>]

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☐ 6. No Title

Jan 2000

...physical, chemical, and mechanical properties of plastics, elastomers, lubricants,
polymers, textiles, adhesives, and ceramic materials. For composite materials see 24
Com...

[<http://www.sti.nasa.gov/Pubs/star/star9926.pdf>]

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☐ 7. Minerals Yearbook, V. 1, 1996

Feb 1999

iii Foreword This edition of the U.S. Geological Survey (USGS) Minerals Yearbook
discusses the performance of the worldwide minerals and materials industries during 1996
and provides background information to assist in interpreting that performance...
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☐ 8. C:\MyFiles\MAS abstracts 2002\mas02a.wpd

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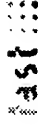
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[<http://www.msstate.edu/org/MAS/mas02.pdf>]

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Mar 2003
Medical dictionary - Surgical dictionary for Medical Transcriptionists, physicians, and
healthcare professionals: Glossary of medical terms, surgical instruments, devices, drugs,
FDA approvals, procedures.
[<http://www.mtdesk.com/d.shtml>]
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- ☐ **10.** [DMU-99 Medical Materials Industry Review](#)
Nov 2002
...compilation deals with: Plastics and **Polymers** Surface Modifications Gels and...ISLET
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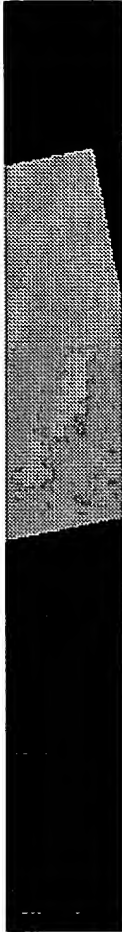
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☐ **11.** Microsoft Word - PBDEFinal.032001.doc
Mar 2003

...material, but are not chemically incorporated into the **polymer matrix**. Because the PBDEs are not chemically bound to the...dependent on the migration of PBDE molecules through the **polymer matrix** to the surface where emission takes place. Since PBDEs...
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☐ **12. June | Hot Topics in Healthcare**
Jan 2003

.....an ionic complex with a **polymer matrix** containing a counter ion....described its development of **absorbent** materials possessing **antimicrobial** properties by graft-polymerization....California) is developing a 3-D **polymer matrix** having tissue sealant and...

[http://www.ahcpub.com/ahc_root_html/hot/archive/bbi062...]
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☐ 13. K:\96-004\...\CH14 final.wp [PFP#810470093]
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...to describe the mechanism by which P is released in soluble form from the soil **matrix** to water as it would occur in overland flow for a range of different soil types...

[<http://www.ria.ie/publications/journals/ProcBI/1999/PB...>]
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☐ **16.** Document1
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...Manufacturer - The party responsible for compounding the PVC (polyvinyl chloride) **polymer** and production of the PVC sheet. PVC Geomembrane Fabricator - The party who receives...

[<http://pgi-tp.ce.uiuc.edu/pgicdrom/PGI.pdf>]
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☐ **17.** Technology, Jan 2000: Medical Plastics Data Service
Oct 2002

...ingestion or injection. Controlled release of drugs from a **polymer matrix** provides targeted drug delivery, extension of duration...Physical incorporation of active treatment into suitable **polymer matrix** Synthesis of pharmacologically active **polymers**. To...

[<http://www.medicalplasticsindia.com/mpds/2000/jan/tech...>]
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☐ **18.** BIOLOGICAL DETECTION SYSTEMS TECHNOLOGY AND INDUSTRIAL BASE REPORT
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[<http://www.dtic.mil/natibo/docs/BioDetectReport.pdf>]
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☐ **19.** No Title
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...oxygenate requirement. Several companies are manufacturing biobased **polymers** using starch, polyhydroxybutyrate/valerate, and polylactic...hardwoods and scarce tropical rain-forest hardwoods. o Clean Green **Polymers** of Golden Valley, Minnesota, a wholly owned subsidiary of Environmental...

[http://jan.mannlib.cornell.edu/reports/erssor/specialt...]

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UNCLASSIFIED Supporting Data FY 2001 Budget Estimate Submitted to Congress - February 2000 DESCRIPTIVE SUMMARIES OF THE RESEARCH, DEVELOPMENT, TEST AND EVALUATION Army Appropriation, Budget Activities 1, 2, and 3 Department of the Army Office of the...

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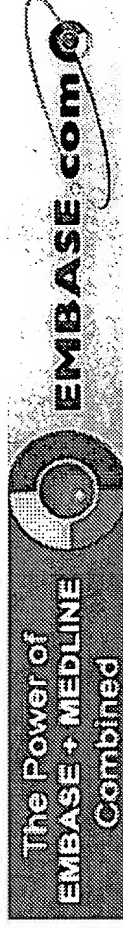
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☐ 21. Transdermal Drug Delivery
Apr 2002

...Paints / tinctures: either concentrated aqueous or alcoholic antimicrobial solutions e.g. Trosyl Nail Solution I Colloids: organic solvents (mixture of ether & alcohol) containing a polymer (pyroxilin) and active b keratolytic e.g. Salicylic Acid...
[http://userwww.port.ac.uk/youngs/2MPHA310/Transdermal....]

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[Woo, G.L.Y. / Mittelman, M.W. / Santerre, J.P., *Biomaterials*, Jun 2000](#)

Bacterial infection is a frequent complication associated with the use of medical devices. In an effort to address this problem, antibacterial agents have been incorporated or applied directly onto the surfaces of numerous types of...

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☐ **27.** [Co-ordination polymers](#)

[Kaliyappan, T. / Kannan, P., *Progress in Polymer Science*, Apr 2000](#)

This paper is a review of the metal complex forming coordination polymers. A polymer-metal complex is composed of synthetic polymer and metal ions bound to the polymer ligand by a coordinate bond. A polymer ligand contains anchoring...

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☐ **28.** [Some modification on radiation graft polymerization of N-vinyl-2-pyrrolidone onto low density polyethylene with...](#)

[El-Sawy, N.M. / Elassar, A.Z.A., *European Polymer Journal*, Aug 1998](#)

N-Vinyl-2-pyrrolidone (NVP) was grafted onto low density polyethylene (LDPE) films using γ -radiation by the direct method. The effect of grafting conditions such as inhibitor and monomer concentrations on the grafting yield was...

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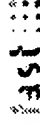
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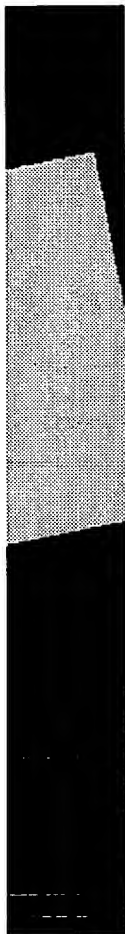
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31. [Estatística de quim.ist.utl.pt](http://Estatística.dequim.ist.utl.pt)

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.....coeficiente de partiÃ§Ã£o da aspirina 2 0 % bandeira inglesa 2 0 % crosslinked polymer drugs 2 0 % bissecao algoritmo 2 0 % fermentador venda 2 0 % fast email extractor...

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□ **32. Minerals Yearbook, V. 1, 1997**
May 1999

SURVEY METHODS FOR NONFUEL MINERALS--1997 1 SURVEY METHODS FOR NONFUEL MINERALS By Kenneth W. Mlynarski The U.S. Geological Survey (USGS) collects worldwide data on virtually every commercially important nonfuel mineral commodity. These data form the base...

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Jan 2003

...analysis Polyethylene glycol polymers are the most common **non-siloxane** stationary phases. Due to extensive crosslinking, the...minimum temperature and a higher maximum temperature than **non**-bonded polyethylene glycols. Composition: polyethylene...
[<http://www.chromatography.co.uk/products/GC/varian11.h...>]
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- ☐ 2. [Petrarch Catalog 2000](#)
Dec 2002

...weight silicone elastomers or block copolymers with **non-siloxane** materials. Polymers of this type are generally of...6] AMINO FUNCTIONAL POLYMERS Aminopropyl-terminated **siloxanes** are used to form a variety of block copolymers including...
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- ☐ 3. [Nicolson et al.: Soft contact lens polymers:...](#)
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...requirements have been addressed through the use of **siloxane** and fluorosiloxane containing hydrogels. An important...permeability developed by the packaging industry,

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other **non-siloxane** structures were studied. Patents on polyethylene/polypropylene...
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☐ 4. [Gelest.1298.prntspds \(Page C2\)](#)

May 1999

...can be converted to viscosity (poise) by multiplying by the density of the fluid. **Non-**
Newtonian Fluid A fluid with consistency which varies as a function of shear stress...
[<http://www.gelest.com/Library/SiFluids.pdf>]
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☐ 5. [AN-Cont-DHSGCMS-385.qxd](#)

Feb 2003

...contaminated breather filter from a failed drive with a **non-siloxane** contaminated
breather filter from a good drive. Figure...contaminated inner absorber from the same
failed drive with a **non-siloxane** contaminated inner absorber from the same good
drive...

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☐ 6. [Formation of Water-in-CO\(2\) Microemulsions with Non-fluorous Surfactant Ls-54 and Solubilization of Biomacromolecules.](#)

Juncheng Liu / Buxing Han / Jianling Zhang / Ganzuo Li / Xiaogang Zhang / Jun Wang / Baozhong Dong, Chemistry, Mar 2002

...could be formed, despite it being a **non-fluorous** and **non-siloxane** nonionic surfactant.
The main reasons for the high solubility...information for designing CO(2)-soluble **non-**
fluorous and **non-siloxane** surfactants. The phase behavior of the CO(2)/Ls-54/H...

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☐ 7. [Stable cosmetic emulsion with polyamide gelling agent](#)

Wang, Tian Xiang / Brieva, Hernando / Luo, Dexin / Konik, Richard A. / Nazar, Shahan, Dec 2002

...an oil phase, an aqueous phase and a gelling system which contains at least one **non-**
siloxane based polyamide in a sufficient amount to gel the emulsion. The polyamide can
have...

Patent record available from the USPTO

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☐ 8.

[Weatherable coating and stain system for thermoset or thermoplastic](#)

Porter, Cem A., Nov 2002

...1997. articles comprises a pigmented stain, and a topcoat comprising one or more **non-**
siloxane film-forming polymers, an emulsion of one or more curable

organopolysiloxanes...

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- ☐ **9.** Formation of Water-in-CO₂ Microemulsions with Non-fluorous Surfactant Ls-54 and Solubilization of Biomacromolecules

Liu, Juncheng / Han, Buxing / Zhang, Jianling / Li, Ganzuo / Zhang, Xiaogang / Wang, Jun / Dong, Baozhong, *Chem.Europ.J.*, Jan 2002

Relevant terms/keywords: solubility; soluble; microemulsions; siloxane; propylene; hydrophilic; hydrophilic group; ethylene; surfactants; lysozyme

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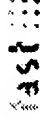
- ☐ **10.** Polyimidesiloxane adhesive

Rosenfeld, Jerold C. / Rojstaczer, Sergio R. / Tyrell, John A., Apr 2001

...about 5 to about 30 mole % of a **siloxane**-containing diamine and about 70 to about 95 mole % of a **non-siloxane** containing diamine. The **non-siloxane** containing diamine is a mixture of about 10 to about 90 mole % each of at least two of the diamines...

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- ☐ **11. Weatherable coating and stain system for thermoset or thermoplastic Porter, Cem A., Mar 2001**
...1997. articles comprises a pigmented stain, and a topcoat comprising one or more **non-siloxane** film-forming polymers, an emulsion of one or more curable organopolysiloxanes...
Patent record available from the USPTO
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- ☐ **12. Adhesive sealant for bonding metal parts to ceramics Rojstaczer, Sergio / Tang, David Y. / Rosenfeld, Jerald C., Aug 1999**
...product of an aromatic dianhydride and diamine. The diamine is about 5 to about 80 mole % **non-siloxane** containing aromatic diamine and the remainder a **siloxane** diamine, where the **siloxane** diamine is about 40 to about 80 wt % of the weight of the...
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Kane, John F. / Mowrer, Norman R., Apr 1998

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Garzo, G. / Hoebbel, D., *Journal of Chromatography A*, Apr 1976

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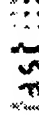
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260 AROMATIC (PHENYL) CONTAINING **SILOXANES** Typical structures include:

Diphenyldimethyl **Siloxane** Copolymers...50 0 -14 + + + 1.4416 1.4456 1.4539 1.4521
ALKYLENE OXIDE **Non- Siloxane** Wt.% Visc. SG MP Water Solubility RI HYDROPHILLIC
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